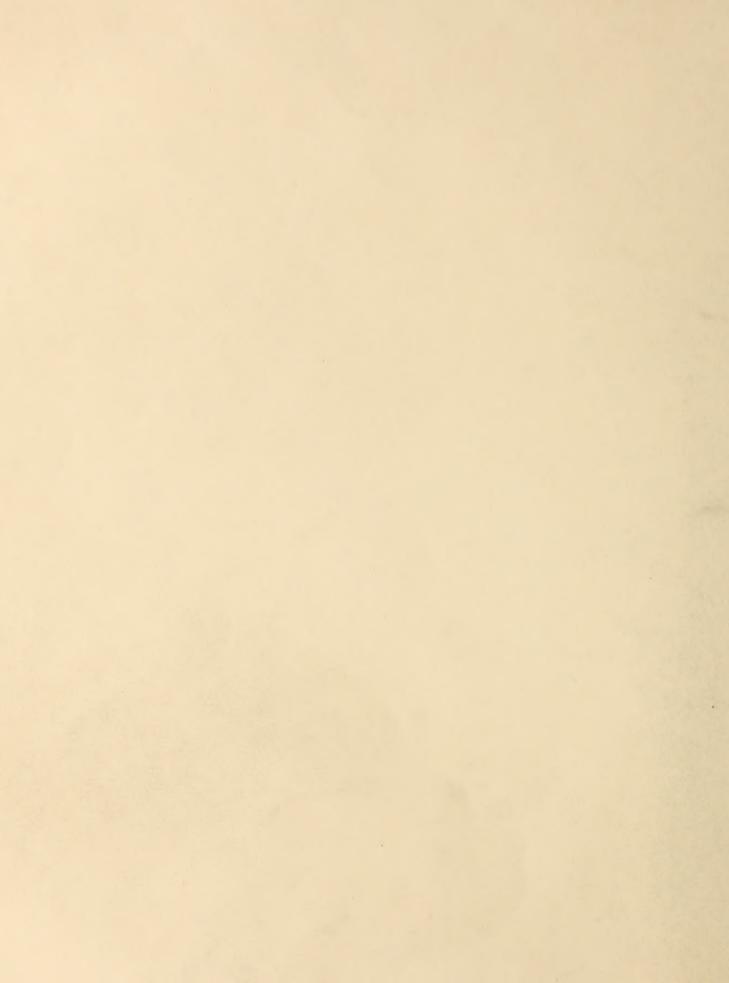
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Reserve

SNOW SURVEYS AND IRRIGATION WATER FORECASTS

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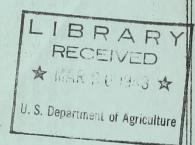
for the

MISSOURI and ARKANSAS

DRAINAGE BASINS

March 1, 1943





Issued by the
United States Department of Agriculture
Soil Conservation Service
Division of Irrigation
In Cooperation with
The Colorado Agricultural Experiment Station
Colorado State College
Fort Collins, Colorado

March 10, 1943

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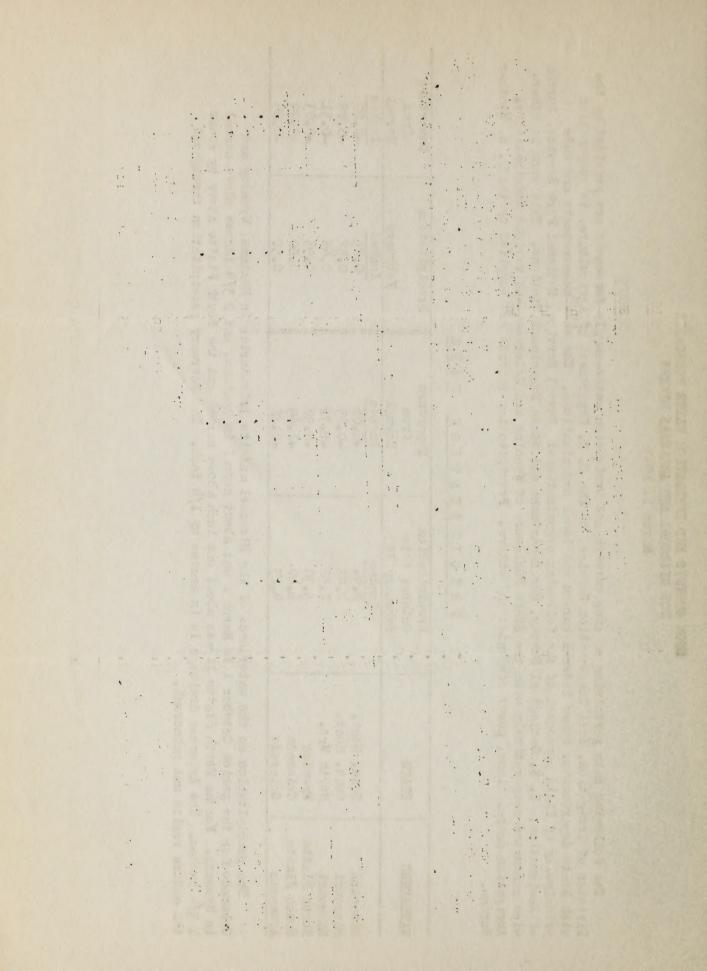
SNOW SURVEYS AND IRRIGATION WATER FORECASTS FOR MISSOURI AND ARKANSAS RIVERS March 1, 1943

irrigation associations, power companies and others. Precipitation records are supplied by the U. S. Weather The following data pertaining to snow surveys and irrigation water-supply forecasts are provided by the This work is otherwise conducted cooperatively with the State Engineers of Wyoming and Colorado, and various muncipalities. Division of Irrigation, Soil Conservation Service, of the U. S. Department of Agriculture, in cooperation principally by field personnel of the following organizations: Forest Service, National Park Service, with State departments, other Federal bureau and local organizations. The snow measurements are made of Reclamation, U. S. Geological Survey, War Department and State Experiment Stations. Bureau.

PRECIPITATION DATA

Departure	from	-0.20 -0.31 -0.31 -0.25 -0.25
Precipitation	February	Inches 0.25 0.52 0.48 0.93 0.80 0.52
Donoutilino	from Normal	Inches +0.06 -0.23 +2.78 +0.98 +1.69
	Frecipitation October 1 to February 28	Inche s 2.99 4.53 7.52 5.30 6.40
	STATE	East. Mont. Cent. Mont. North Wyo. Wyoming Colorado
	WATERSHED	Missouri Missouri Missouri North Platte South Platte Arkansas

Colorado for the period October 1 to March 1 was about normal in Montana, and 2 3/4 inches above normal in Wyoming. For the North Platte it was about one inch above normal and the South Platte above by about 1 3/4 inches. The Arkansas drainage is in excess by 1/4 inch. The February precipitation throughout The precipitation on the watersheds of the Wissouri and its tributaries in Montana, Wyoming and the entire region was subnormal.



SUMMARY OF MARCH 1 SNOW SURVEYS AND COMPARISON OF DATA

WITH THAT OF PREVIOUS YEARS BY WATERSHEDS

Content in		1942				191	214	175	290	228	136	252	311	253	183	265	168	177	36	150	158	142	162	173		120	
1943 Water	Det can	year	AVE.			167	168	251	3.5	183	133	100	500	121	106	196		145	3	120	133	120	건 -	130	204	106	
	2	1943	-	Fercent		32	35	2,5	8 2	イ た ち	2 %	27	- 12	28	1 8	122	38	25	- 60	7.5	2 2	2 2	22	27	3	27	-
Done:	SUOW Delist of	1942		Percent		27	58	হ'	2 C	000	3 5	3 8	3 8	7 5	2 20	3 5	17	5 6	4 S	3 78	7 7	2 0 0	2 6	3 (t	23	
8	oue	wight year	AVS.*	Percent		27	37	දැද	રી ક	2,4	ត ម	n c	200	000	7 C	200	27	270	38	200	0 5	7 0	0 F	7.6	6	56	
	Number	Courses	Average			2		و	1 -	٦.	1-	-1 r	٦ ،	אר	4 6	3 0	י ני	10	٥٠	10	00	νr	-10	VI (N	90	
	1	1943		In.		15.7	28.5	11.0	70.0	17.0	いって	10	30.1	1007	100	2000	2000	707	t =	T. T.	10.4	0.01	12.0	エン・エ	10.0	10.1	
	Content	1945		In.		10	13.3	00	1-1		-1 -	T	75.71 17.71	201	10°C	15.0	0 0	יור	000	200	200	10.57	10.0	700	0.0	7.8	
	Water	42	Avg.*			7.0	17.0 .	8.8	7.3	12,00	9					-			-l- 1	01	0	0.			2	9.5	
				Ine		149.2	7.08	37.7	39.0	61.0	45.9	19.7	83.0	52°1	3/01	54.0	5	2	23	6.5	45.1	58.6	54.6	35.4	51.0	37.3	
	Snow Depth	1942 1943	`	In.		35.6	47.2	38.5	30.1	24.0	NO I	19.2	1th . 3	25.4	17.9	48.2	32.4	29.7	25.0	19.4	34.8	43.9	39.5	28.8	140.8	36.3	
	Snow	Eight	AVE.*	In.		35.3			₹65	45.5	30.6	17.1	53.5	3100	30.4	50.2	35.4	30.9	19.3	15.8	34.8	45.8	36.3	25.6	8.44	36.9	
		WATERSHEDS			MISSOURI RIVER	Toffenson Biren		H	*		Yellowstone River	Milk River	Shoshone River	i.		North Platte River	Sweetwater River	Laramie River 30.9	South Platte River***	Crow Creek	Poudre River	Big Thompson River		Boulder Greek	Clear Creek	ARKANSAS RIVER	

*Some for shorter periods. **Headwaters of Missouri River

***Above Denver, Colo.

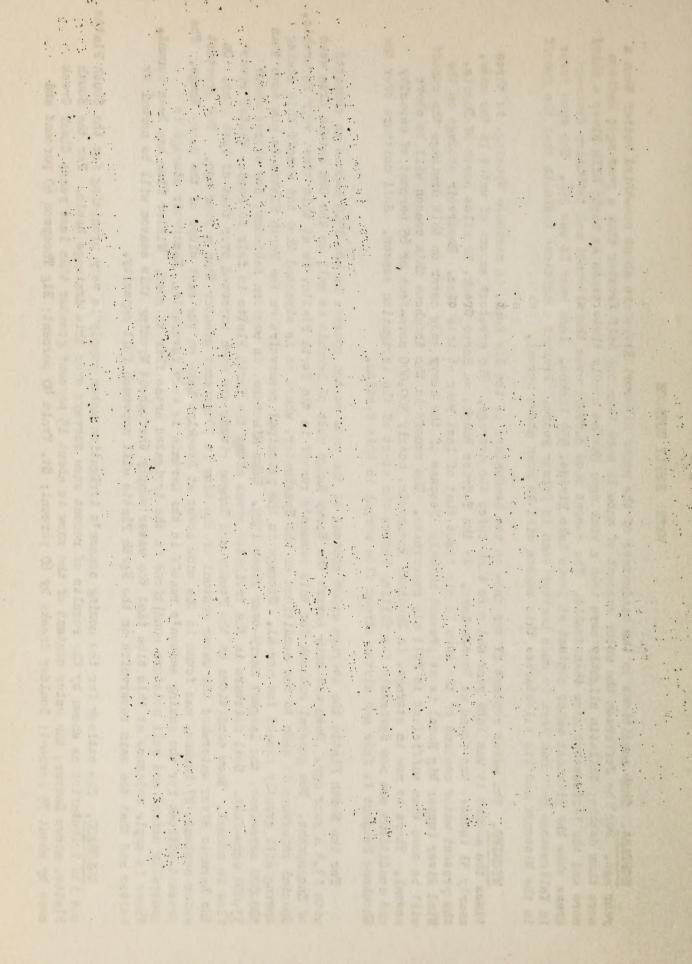
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more than double; Gallatin slightly more than a year ago; Marias nearly three times as much; Wilk River a third in Yellowstone National Park is much heavier than in former years. Present conditions indicate that the runoff MONTANA. Snow conditions on the headwaters of the upper Missouri River are about one-third better than a areas show the greatest water content at Lewis Lake Divide, 55% inches. Last year it was 25%. The snow cover year ago. For the Jefferson the water content of snow is more than one half greater than a year ago; Madison more and the Yellowstone more than double. The recent snow surveys over the Missouri and tributary drainage in the Missouri and its tributaries this season will be much above normal.

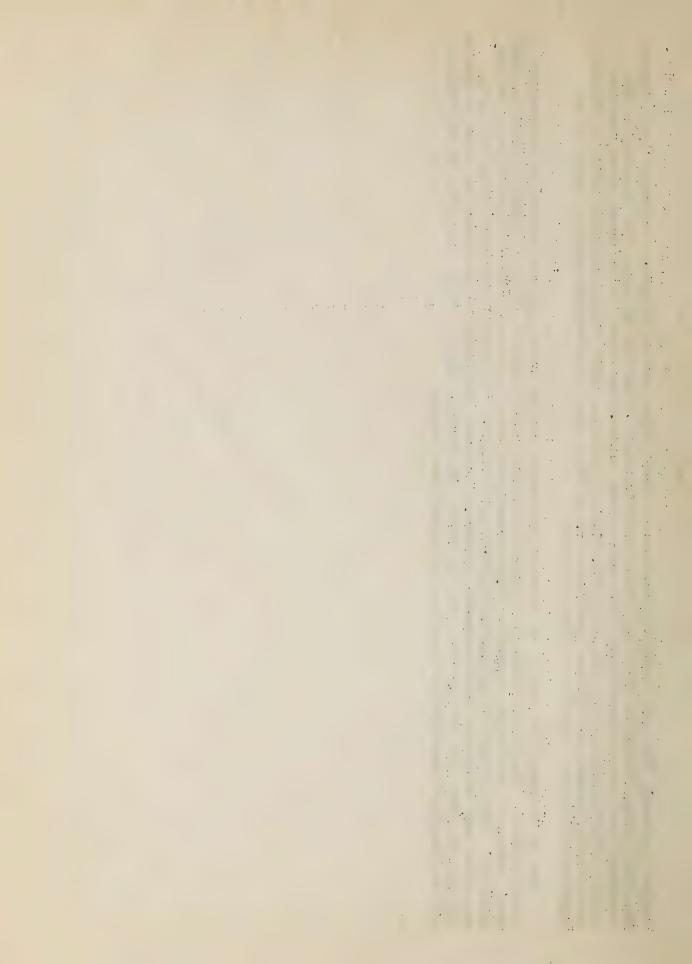
and conditions are now favorable for filling before the start of the irrigation season. Soil moisture over the Wind River (upper Big Horn) is at present normal. Because of the heavy snow cover on this drainage the runoff WYOMING. The water content of the snow on the headwaters of the Big Horn, in northern Myoming, is three times the amount it was last year and more than twice the average. The greatest amount of water in the snow, nearly 31 inches, was found at Brooks Lake. At the T-Cross Ranch, on Horse Creek, 12 miles north of Dubois, the present water content of the snow is six times that of last year at this time. Reservoir storage on the normal. There is now in storage, in Shoshone Reservoir, nearly 300,000 acre-feet or 65 percent of capacity will be more than sufficient to fill all reservoirs. The runoff in the Shoshone this season will be above Shoshone Project is fair and winter stream flow normal in this section.

of Encampment. The general outlook for this season's runoff in the North Platte, is at this time, very favorable. water content, 27 inches, was found in the snow cover at Brooklyn Lake on the east slope of the Snowy Range. The generally normal and soil moisture conditions in the irrigated areas fair to good. Winter flow has been normal. spring will greatly exceed the normal. Storage in the principal reservoirs on the North Platte is now more than with 13.3 a year ago. Deep wet snow covers the Snowy Range west of Laranie as well as the Old Battle area west Special reference is made to the conditions on the Sweetwater, where it is expected that the runoff this coming the Laramie River watershed the water content of the snow is 70 percent greater than a year ago. The greatest flow is normal. Snow conditions on the Powder and Tongue rivers are much improved over that of last year. On 33,000 acre-feet. Soil moisture in the irrigated areas along the Morth Platte is fair to good. Winter river For the North Platte the average water content of the snow on ten courses is now 15.9 inches as compared 500,000 acre-feet, the largest carry-over since 1929. Lake Minatare, in western Nebraska, now stores about There is ample evidence at this time that the water supply throughout Wyoming this season will be normal present outlook for the coming season's runoff in the Laramie is very favorable. Reservoir storage is better and that the main reservoirs on the North Platte will approach full capacity. COLORADO. The outlook for the coming season's irrigation water supply is very promising for the South Platte and its tributaries as shown by the results of recent snow surveys over this drainage basin. For the South Platte, above Denver, the water content of the snow is about 15 percent greater than last year; Clear Creek more by about 75 percent; Boulder Greeks by 60 percent; St. Vrain 40 percent; Big Thompson 60 percent and



Poudre 50 percent. The water content of the snow at Silver Lakes, west of Boulder, is approximately 23 inches, normal or better and for this reason reservoir storage continues. Recent storms throughout northern Colorado irrigated districts of this section of the state is fair to good. The winter flow of these streams has been Reservoir storage throughout the Platte valley and tributaries is the best in years. Soil moisture in the have greatly improved soil moisture conditions. It is likely that a considerable amount of water in the Platte will flow out of the state unused this year.

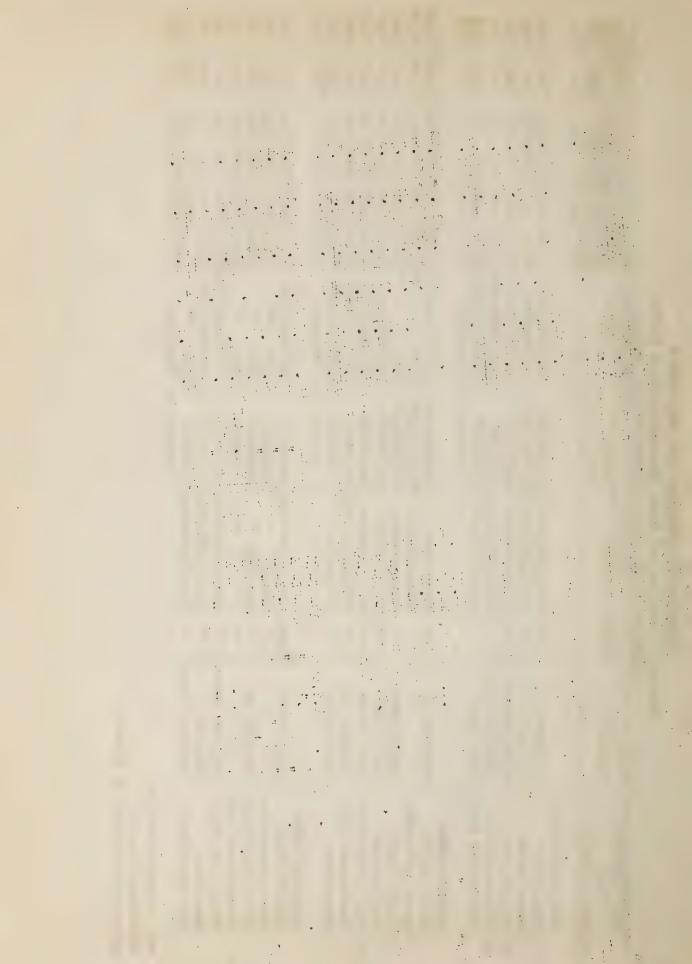
main river near Caddoa has 40,000 acre-feet of water in storage. Soil moisture throughout the valley is fair to For the Arkansas River valley, in Colorado, the outlook for the coming season's irrigation water supply is very favorable. The water content of the snow in the upper drainage srea is about 20 percent greater than last good and the river flow for the winter best in years. The probable runoff from the snow cover on the Fountain year, Storage in the larger reservoirs, both mountain and plain, last year at this time totaled about 242,000 acre-fest. This storage now aggregates 376,000 or an increase of 55 percent. John Wartin Reservoir on the and the Purgatoire watersheds will be less than normal this season.



Summary of Federal and State Cooperative Snow Surveys Issued March 10, 1947, at Fort Collins, Colo.

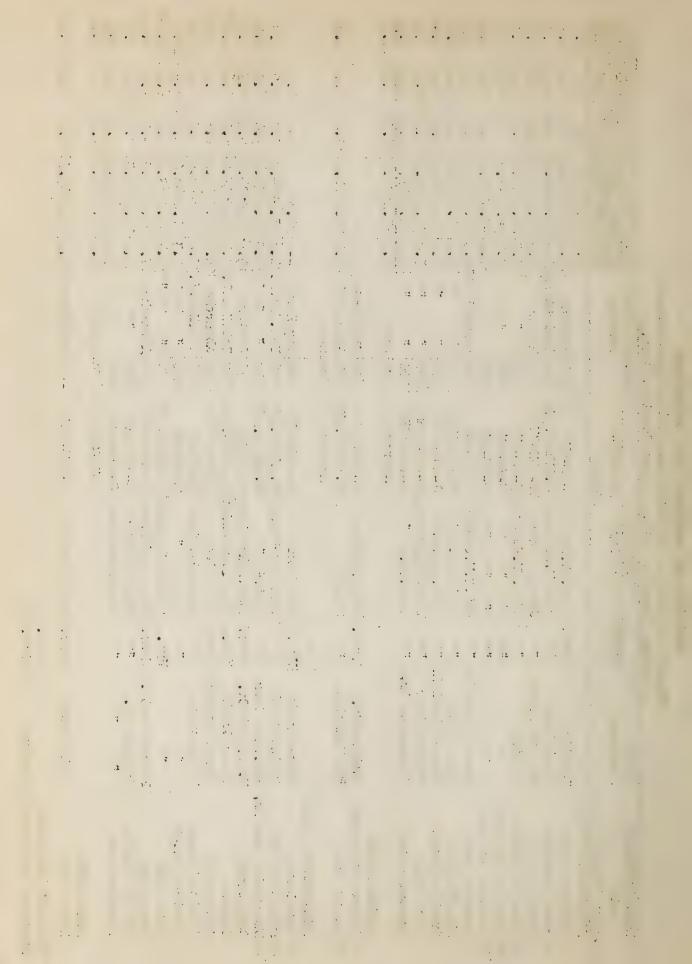
	Wain Drainage	Local	nea M	Issued March 10, 1945, a	at Fort Collins, Colo.	Elev. Nat	ional	Mar	1 Snow	W COVER		Weasurement	nta
	and	Drainage	State	Locality	Descrip-				now D	enth	AV Wat	Snow Depth Av. Water Content	tent
No	No Snow Course				tion	1		(0)	1942 1943	1943	Av @	1942	1943
								١.	In	7	1	+	In
	JEFFERSON RIVER								-				
9	6 Camp Creek*	Red Rock Cr.	Idaho	6mi.N. Spencer	21-1311-36国		Targhee		34.2	39.1	6.2	0.0	12.2
7	7 Moose Creek*	N.Fk.BigHole	=	3mi.S.Gibbons F	F27-27N-21E	6200 Sal	Salmon	8. 44		66.99	12.6	1	22.1
10	10 Gibbons Pass		Mont.	Gibbons Pass	14-25-19W	7100 Bit	Bitterroot	59.2			18.4	18.0	30.6
30	Pipestone Pass		=	Pipestone Pass	11-1N-7W		DeerLodge			31.5	3.8		6.1
	Elkhorn Hot Spgs.	Wise River	=	ris	15-45-12W	8450 Bea	rhead			0.	± € 7	6.8	13.8
					Average f	or Dra			35.6	2.64	9.4		15.7
	MADISON RIVER									-			
N	2 Aster Creek*	Firehole R.	Wyo.	Lewis Lake	44.3N110.6W	7700 Yel	Mat.P	77.到	京 8	#1.42年.61時.09	-dan-		生。94
00	Lewis L. Divide*	**	**	3mi.S.Lewis L.	44. 2N110.7W	1 0061	# #	那。96	78.6	步。25克。61日。87年。96		_	55.1
H	11 Norris Basin	Gibbon River	=	Norris Basin	144.3N110.7W	7500 "	=	32.7	28.4	149.1			15.3
2	Big Springs*	South Fork	Idaho	Big Springs	34-145-448		Targhee	59.5	55.0	9.98			29.6
16	16 West Yellowstone	South Fork	Mont.	W.Yellowstone	34-138-5里		я	007	34.3 56.0	56.0		0.6	17.9
	Twenty-one Wile*	Greyling Cr.	=	Smi.S.Gallatin	1-118-5里		Yel. Nat. P	47.5	41.2	66.0	13.8		21.0
	Hebgen Dam	Cabin Creek	=	Hebgen Dam	22-115-3E	6550 Gal	Gallatin	100	32.5	h7.0		8.2	13.7
					Average f	or Drainage		55.3	2	80.7	17.0	13.3	28.5
	GALLATIN RIVER					-				eine reiljane r			
	Devil's Slide	Hyalite Cr.	Mont.	20mi.S.Bozeman	14-58-6E		Gallatin	51.3	58.6	0.08			17.6
	Hood Meadow Extn.	=	=	1,4mi." "	22-45-6E	0099	=		33.2	33.0		-	× 50
	Mystic Lake No.1	Bozeman Cr.	=	12mi.SE. "	31-35-7里	0099	=		32.0	23.5			7.3
	Mystic Lake No.2	=	=	=======================================	31-38-7正	0099	=	22.3	29.0	7.02	5.3	6.9	5.9
	TwentyOne Wile	Gallatin River	=	8mi.S.Gallatin	1-118-5国	7150 Ye1	Yel Nat.P			66.0		11.1	21.0
	Ross Peak	Ross Cr.	=	12mi.N.Bozeman	10-1N-6E		Gallatin			23.3		8.5	5.9
	New World Trail	Gallatin River	**	Smi.SE.Bozeman	13-38-6国	10007	=	1		-	1	7.9	1
					o	for Drainage		33.3	38.5	37.7	80	8.6	11.0

*On adjacent drainage #Readings Feb. 15 @Average for period of record.



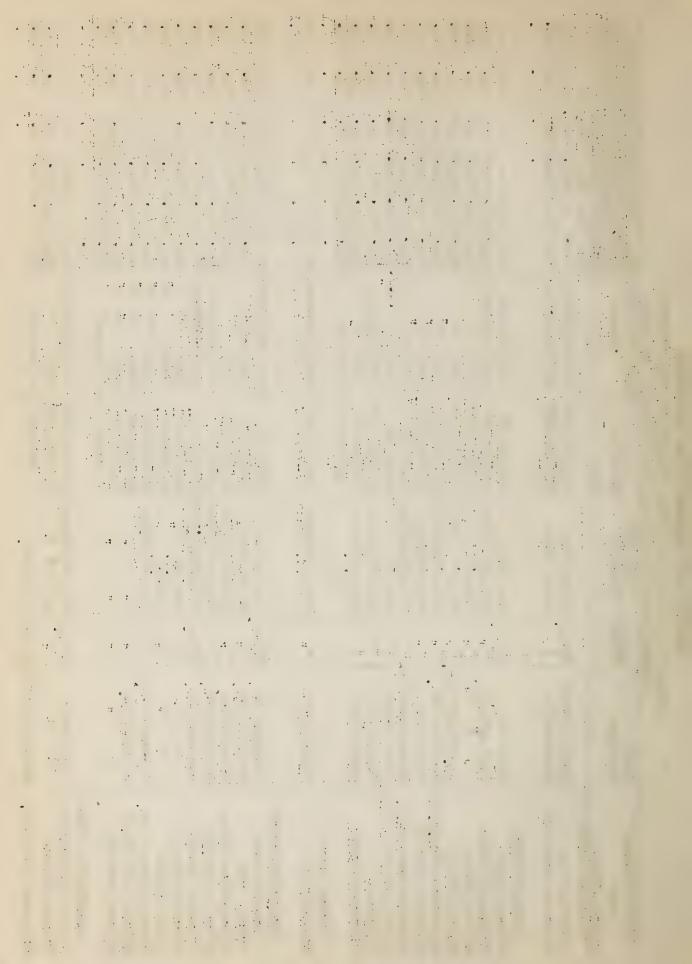
Summary of Federal and State Cooperative Snow Surveys Issued March 10. 1947. at Fort Collins. Colo.

Main Drainage	Local	TO THE TOTAL THE	Location	FOL COLL	Elev.	Colo.	Mar. 1	Snow	Cover	Measur	surements
	9	State	-	Descrip-		st	Av. Sr	Snow De	Dep th Av	.Water	Content
Course			•				Av.@	942 1	AV	194	2 1943
MISSOURI RIVER									In. In.](In.
	Tennile	Mont.	.SW.Helena	2-8N-6W	6200	Helena	6	17.4 27	ተ•ተ 002		
11 Goat Mountain	South Fork	=	lilman	47.51112.9W	-	Lewis&Clark	29.3		18.8 7	4 3.9	15.4
	Canyon Creek	=	ole Pass	16-131-7W	0069	Helena	32.9			ال	
wer	Tenmile	=	Helena,	3-8N-	6250		23.9			9	
	=	=	E E	13-811-611	0089		33.2			0)	
	***	=	=	19-811-5W	8000	-	-	42.3 5	52.0 10	7	
Grasshopper	Grasshopper Cr.	=	S.W.S.Spgs	19-9N-8E	2000	Lewis&Clark	18.8			<i></i>	
King s Hill	Belt Creek	=	=	35-13四-7五	7950		41.6			10	
Orville Harris	Mussellshell R.	±	国 でいる。 に	31-10N-9E	6500	=	9	2	=		
Half Moon	Judith River	E	S.Lewist	on22-12N-18E	0009		0	2	7	10	_
Crystal Lake	Flatwillow Cr.	=	SH. H	24-123-17里	5500	±	_	5	0.	.7 13.5	
				Average for	Drai	nage	⇒	-	_		10
MARIAS RIVER							المرد مناهم				
7 Desert Rountain*	Outbank Cr.	nt.	.Belton	24-31N-19W				-			_
20 Marias Pass	Two Wedicine	=	mit	WH-SILK	5250	ciernP	45.51	24.0 6	61.0 13	0	7 19.4
				Average for	Drai	nage					
YELLOWSTONE RIVER											
14 Done Lake		•	Lake	11-53N-87W		ig Horn	1				,
40 Lupine Creek	Lupine Creek		Grdin ar	My OILNG WH	7300	l.Nat.P	0				9 1
41 Blacktail Deer Cr.	Blk.Tail Deer	=	6 M 8 91	44.9N110.6W	1500	b=0 B=0	35.8	29.4 5	59.4	0.00	17.9
Camp Senia	W.Br.Rock Cr.	Mont .	10mi.W.Rod Ldgi		7870	ter	Ω				مرا
3 Canyon	Tower Creek	Wyo	onJc	14-71110-5W	7750	ρ,			ς.		16.
	Soda BottleCr.	Mont.		25-98-14国	2400	aroka	$\overline{\circ}$		-		
Crevice Mtn.#1	Yellowstone	=	6mi.E.Gardiner	三6-98-9三	8400	1.Nat.P.	al.				7.7
Crevice Mtn.#2	=	72		36-86-9Z	8300	=	2	0			
7 Lake Camp	=	Wyo.	3mi .NE. Hishing Br	44.6N110.4W	7850	=======================================		N	-11-		17
	Porcupine Cr.	Mont.	12mi.ME.Wilsall	10-41-10日	6500	Absaroka	3	00			⇒ .
Hell's Canyon		=	E Livingst on	23-58-12E	0009	=	0	-	2	0	<i>=</i>
Independence	=======================================	=	26miNE.Gardiner	22-7S-12E	8000	**	6	9	7	11 11	5 24.3
4				Average fo	or Drai	nage			_	9 9	13
MILK RIVER									-	-	
Rocky Boy	Milk River	Mont. B	Bear Paw Mt.	15-28M-16国	ł	OffForest	17.1	19.5 1	7 12.6	± ~	1 5.6
*Adjacent Drainage	-11-	# Feb.	12				•	-			
ಶ	of record	b Feb.	17								



Summary of Federal and State Cooperative Snow Surveys

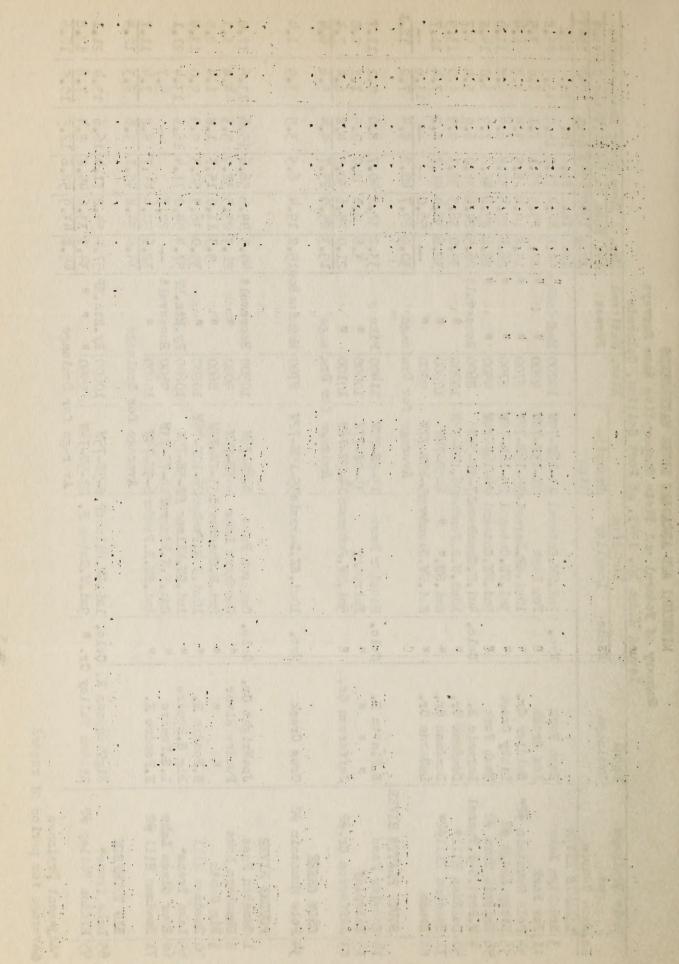
			Issued Mar	ch 10, 1943,	at Fort Collins	-	Colorado						
	Main Drainage	Local		Location		Elev.	National	War.	1 Snow	Cover	r Mea	surement	nts
		Drainage	State	Locality	Descrip-	-	Forest	Av. S	Snow De		Av. Wat	er Con	ontent
No	No Snow Course				tion			Av @	1942 1	1943 A	Av.@	1942	1943
	SHOSHONE RIVER							In.	In. I	In	In.	In.	In.
32	Sylvan Pass	Middle Creek	Wyo.	ylvan Pass	12-52N-110W	7100	Yel. Nat. P.	1	9	9.89	1	1	22,1
20	Brooks Lake #3*	Shoshone R.	==	Brooks Lake	23-44N-110W	9200	Washakie	53.5	年。38	7	5.7	12.2	30.7
	BIGHORN RIVER										e destruitur, erren		
1,4	Dome Lake*	Shell Cr.	Wyo.	Dome Lake	11-53N-87W	8800	Bighorn	1	20.6	1		14.7	1
15	Sawmill Glade	Popo Agie R.	=	SW.Landor	3-31M-101W	8500	0		0		7,2	7.7	10.4
129	Blue Ridge	= =	=		23-31N-101W	9500	=		M		7.3	700	16.6
4	South Pass	L. Popo Agie R.	=	=======================================	13-30N-101W	0006	=		31.515		7.0		18.
149	Sheridan Cr.R.S.#2	Sheridan Cr.	=	6mi .IW.Dubois	3-42M-109W	7500	=		1/9.71		21	ng fember-er	14.3
50	Brooks Lake #3	Wind River	=		23-44W-110W	9200	=		1,4.3 8		5.7		70.7
7		St.Lawrence Cr.	=	27mi.NW.Lander	26-111-4W	0006	Shos.I.R.		19.4/4		7.1		14.2
52	Mosquito Park R.S.	Trout Creek	=		23-25-3W	9500	11 11 11		26.4 5		7.9		15.4
53	Duloir	Wind River	=	mi. MW. Dubois	27-42N-108W		Washakie				0.7		16.5
54	T-Cross Rench	Horse Creek	=	2mi.M.Dubois	1-43N-107W	8000	=======================================	25.8	14.8 41		7.7		17.3
					Average fo	r Drai	nage				200		17.1
									-				
2	Red Fork	Middle Fork	=	23mi.W.Kaycee	18-43N-85W	7500	OffForest	30°4	17.9 3	37.1	6.7	3.2	8.1
	NO. PLATTE RIVER												
٦	Cameron Pass	Wichigan Cr.	Colo.	Cameron Pass	2-6N-76W	10300	Roosevelt			56.61	hardy a subspecies of	13.6	17.0
7		Illinois Cr.	==	7mi.SE.Rand	24-5E-78W			31.0	32.3 3		7.6	7.7	6.5
00	Columbine Lodge		=	bt. Ears Pass	21-5N-82W	9300	-					16.3	20.02
62	Willow Cr.Pass	Illinois Cr.	=	Jr.Pass	1-411-78W		Arapaho				~		00
~		Encupint Cr.	Wyo.	7mi . SW . Encupunt	24-14N-85W		MedicineBow						12.0
05	Webber Spring	=	=	==	27-14M-85W	0006	=						15.6
0		==	=	Sans Spin	29-14N-85W	9800	=======================================						26.0
37	North French Cr.	N.French Cr.	=	Cent/Saratoga	27-16N-80W	10200	=						29.4
38	N.Barrett Cr.#2	Barrett Cr.	=	=	30-16N-80W	0016	=======================================						16.4
39		=	=	=	34-16N-81W	8,100	=					8	7.3
	,				Average f	or Drai:	nage			54.9 1		13.3	15.9
	SWEETWATER RIVER												
53	Grannier Meadows	Rock Creek	Wyo.	Omi . SW. Lander	19-3011-100W	-	Washakie		S		9.1		17.4
147	South Pass*		=	1 1 1 6 1	13-30N-101W	0006		35.2	31.5 5	55.4	± 6	† 9	18.5
*V	*Adjacent Drainage.	@Average for period		of record.	Average f	or Drainage			7		9.2		18.0



Summary of Federal and State Cooperative Snow Surveys Issued Warch 10, 1943, at Fort Collins, Colorado

	ments	ontent	1	In	26.8	7.5	1.4					11.7		12.1		-1		1		1.1				-	12.0				12.4		10 01	
	Measurement	Water C	1942	In.	1	7.00	~	110					-11	-				2014		3.9			7		10			1	-	-	1.5.4	
	Cover M	AV.	-	In	16							7 8.2	1	2 %				1 1 1		5 3.5		9 11 9	4		7 0 0	-	-		9.6		-	0 -
	Snow C	w Depth	1942 1943	. In.	+	5 29	4 6	.5 38.	25.6 46.6	.6 36.0	6.3 52.		0	· 1 40 ° 2	-			25.0 27.7		t 6.	-	2 2 2			76. 7 52. 7				8 45	1	22 6 115 8	000
	Mar. 1	Av. Snow	AV @ 19	n. In.	50.8 46							10	.]	30.9 29		7.00	2000	19.7	7	13)10 z ho			35 0 05			32.6 30.1	4.8 34	1 1 1	2/104 240	100
Colorado	onal	Forest	1-4		MedicineBow F	= =	11 11	# #	11 11	Roosevelt	=	=	=	nage	21120		: ==	72.00	0	Medicine Bow15.8		Honesone +		=	# 4	Ry. Wfn. MP	osevel t	=	0		" "	
Collins, C	Elev.				10200	9200	8700	8700	9500	8600	10200	10200	01	or Drai	001(11	00001	00101	C		8700		10200	0000	8,600	10200	100901	9500	10200	or Drainag	10000	10000 HV	1000
at Fort Coll		Descrip-	tion		11-16N-79W	21-13N-78W	435-15N-72W	29-16N-78W	24-16N-79W	7-8N-75W	26.10N-75W	M+1-116-9	M-10N-77W	Average I	17.89.70%	77 00 77	11-18-16	Average f		35-15N-72W		W9NA_C	6-7N-75W	77_XII_75W	26-10N-75W	PB-5M-75W	18-75-73W	M11-16-9	Average fo	777 77.6	07-5N-74W	q
on 10, 1945.		Locality			7mi.NW.Cntennl	Fox Park		3mi.NW. Cntennl	5mi.MW.Cntennl	4mi.N.Chambers1/7-8N-75W	lomi.W.R.Feather26.10N-7	8mi.SW." "	Smi. NW. Glendevey		Hood or Dogo	חייים בייים	mi IM Jefferson	TOO TO THE TIME		10mi.SE.Laramie55-15N-72W		Cameron Page	na miner	Omi E Chambers 132_8W_75W	10mi W.R.Feather 26-10N-75W	1mi.SW.Milner P		Smi.SW.R.Feather 6-9N-74W		Com - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		1
Issued Mar		State			Wyo.		=	=	=	Lo.	=	=	=		0 0		=			Tyo.		0010	-	=	=	=	=	=		-	- COTO	
	Local	Drainage			Nash Fork	Fox Creek	Soldier Cr.	Libby Creek	Nash Fork	Laranie R.	Deadman Cr.	Deadman Cr.	LaGarde Cr.		מ ס++פוק	# # # #	Jefferson Gr.			Crow Creek		Joe Wright Cr.	Pondre River	11 11	N.Poudre R.	Big S.Poudre	L.S.Poudre	N.Poudre R.		C. see Common Clare	Highen Valley Cr. " Qui W. Estes P.	
	Wain Drainage		No. Snow Course	LARAMIE RIVER	Brooklyn Lake		*5*	Libby Lodge #2		W.Port.G-P.Tunnel	Deadman Hill*	Deadman Hill#2*	Roach	מפתודם מחות בים ביותוספ			の無いいの	-chesk-p / see	CROW CREEK	Pole Mountain #2	GENTA REMINA		G.		111		Lake	Deadman Hill #2		BIG THOMPSON	Hidden Valley #2	
			No		3		34		36	7	50	-	00		11		27			34					20	-		77		Y L	9,0	1

*Adjacent Drainage @Average for period of record



Summary of Federal and State Cooperative Snow Surveys Issued March 10, 1943, at Fort Collins, Colorado

	rements	Content	42 11943	In.	.9 15.5	-		1 13,1	*	-	6 16.6			2 8 2			-		7.7 5.7	-	-		1
	Mar. 1 Snow Cover Measurements	Av. Snow Depth Av. Water Content	Av.@ 1942 1943 Av.@ 1942 1943	In. In.	9.1 10.9		2.7 2.4				15.8. 11.6										2.5 12	14.5 13.6	9.5
	now Cove	Depth A	2 1943 4	In. 1			11 9.8	8 32.4		3 45.9	3 56.2 1	8 51.01		2 33.9	九. 45 9	9 41.81	4 35.5	7 13.5	3 26.7	15.1	7 55.8 1	5 57.0 1	7 77 7
	Mar. 1 S	Av. Snow	Av.@ 194	In. In. In.	36.3 39.		10.2	25.6 28		38.9 36.	50.8 45.3 56.2 15.8	144.8 40°		33.2 37.	31.5 33.	41.9 39.	31.7 32.	23.2 16.	30.8 24.	12.5	49.8 50.	53.3 55.	36.9 36.
.orado	Elev. National	Forest			10000 Ry. Wtn. NF 36.3 39.2 54.6		Roosevel t	for Drainage 25.6 28.8 32.4 8.0		10100 Arapaho		for Drainage		Cochetopa	=	=	=	Maxwell Grant	SanCristo Gr	Cochetopa	Arapaho	10500 Cochetopa 53.3 55.5 57.0 14.5	ainage
ins, Col	Elev.				10000		00700	7 41		10100	-			10200	10500	10800	10500	10300	9300	0026	111400	10500	for Dr
Fort Colli		Descrip-	tion		W47-75-44		2-25-74W	Average		27-45-76W	2-55-76W	Average			22-115-82W	24-48N-6E	19-48N-7E	37.2M105.2W	22-28S-70W	23-11S-81W	2-88-79W	63	Average
Issued March 10, 1943, at Fort Collins, Colorado	Location	Locality			5mi.W.Allens P.24-3N-74W		East Portal			Colo. 10 mi.W. Gargetonn 27-45-76W	lmi.W.LovelandF			Tennessee Pass 21-85-80W	9mi.W.Twin Lakes22-115-82W	Marshall Pass		Whiskey Cr.P	LaVeta Pass	3mi.SW.Twin L.	Fremont Pass	Monarch "	
ned Mar		State			Colo.		Colo			00100	=			Colo.	=	=	=	E	=	=	=	=	
		Drainage			N.St.Vrain R.		N. Boulder Cr.			Clear Creek	=======================================			Tennessee Cr.	Lake Creek	Poncha Greek	=======================================	Whiskey Cr.	Cuchara Cr.	Lake Creek	E.Fork Ark.R.	S.Fork Ark.R.	
	Main Drainage	and	No. Snow Course	ST. VEAIN RIVER	41 Wild Basin	BOULDER CREEK	5 E. Port. Moffat T.		CLEAR CREEK	61 Loveland Pass #2	97 Grizzly Peak*		ARKANSAS HIVER	Tennessee Pass	Twin Lakes Tun.	Marshall Creek*	oncha Creek	Miskey Creek #2	74 LaVeta Pass #2*	our Mile Park #2	79 Fremont Pass #2	Monarch Pass	
-	A_		No	U.	计	14	U.C.	}	0	1 19	9/ 16			191	12.	42 M	43 E	72 1	747	78 F	79 E	92 M	

**Adjacent Drainage @Average for period of record

